

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Attorney Docket Number	6235-85006-01
		Application Number	10/596,692
		Filing Date	September 21, 2006
		First Named Inventor	Hirabayashi
		Art Unit	1641
		Examiner Name	Bao-Thuy L. Nguyen

<b>U.S. PATENT DOCUMENTS</b>				
<b>Examiner Initials*</b>	<b>Cite No.</b> (optional)	<b>Document Number</b> Number-Kind Code (if known)	<b>Issue or Publication Date</b> MM-DD-YYYY	<b>Name of Patentee or Applicant</b>
		2002/0074513	June 20, 2002	Abel et al.
		2006/0194269	August 31, 2006	Markman
		2007/0092915	April 26, 2007	Markman et al.
		2007/0202535	August 30, 2007	Hirabayashi et al.
		2009/0041630	February 12, 2009	Hirabayashi et al.
		5,500,342	March 19, 1996	Miyamura et al.
		6,054,047	April 25, 2000	Hindsgaul et al.
		6,395,169	May 28, 2002	Hindsgaul et al.
		7,056,678	June 6, 2006	Markman et al.
		7,132,251	November 7, 2006	Markman

<b>FOREIGN PATENT DOCUMENTS</b>				
<b>Examiner Initials*</b>	<b>Cite No.</b> (optional)	<b>Foreign Patent Document</b> Country Code-Number-Kind Code (if known)	<b>Issue or Publication Date</b> MM-DD-YYYY	<b>Name of Patentee or Applicant</b>
		WO 01/016600	March 8, 2001	MITSUBISHI CHEMICAL CORP.
		WO 02/083918	October 24, 2002	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
		JP 8-201382	August 9, 1996	NIPPON KAYAKU KK +
		JP 2001-311690	November 9, 2001	YOKOGAWA ELECTRIC CORP
		JP 2002-107366	April 4, 2010	HITACHI LTD

EXAMINER SIGNATURE:	/Bao Thuy Nguyen/ (09/07/2010)	DATE CONSIDERED:
------------------------	--------------------------------	---------------------

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*\*Please place a check mark in this column if English translation is attached.\*\*

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Attorney Docket Number	6235-85006-01
	Application Number	10/596,692
	Filing Date	September 21, 2006
	First Named Inventor	Hirabayashi
	Art Unit	1641
	Examiner Name	Bao-Thuy L. Nguyen

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. (optional)	Foreign Patent Document Country Code-Number-Kind Code (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant	T**
		JP 2003-035710	February 7, 2003	DAINIPPON PRINTING CO LTD	X
		JP 2003-116554	April 22, 2003	UNIV YAMAGUCHI	X
		EP 1211514	June 5, 2002	MITSUBISHI CHEMICAL CORPORATION	

Examiner Initials*	Cite No. (optional)	OTHER DOCUMENTS	T**
		ARATA et al., "Application of Reinforced Frontal Affinity Chromatography and Advanced Processing Procedure to the Study of the Binding Property of a <i>Caenorhabditis Elegans</i> Galectin," <i>Journal of Chromatography</i> , Vol. 905, pp. 337-343, 2001	
		ARATA et al., "Sugar binding Properties of the Two Lectin Domains of the Tandem Repeat-type Galectin LEC-1 (N32) of <i>Caenorhabditis elegans</i> ," <i>Journal of Biological Chemistry</i> , Vol. 276, No. 5, pp. 3068-3077, 2001	
		Array Pro Analyzer (v 4.5) product description	
		BLIXT et al., "Printed covalent glycan array for ligand profiling of diverse glycan binding proteins," <i>PNAS</i> , Vol. 101, No. 49, pp. 17033-17038, 2004	
		CHAN et al., "Frontal affinity chromatography for the screening of mixtures," <i>Combinatorial Chemistry &amp; High Throughput Screening</i> , Vol. 5, No. 5, pp. 395-406, 2002	
		HIRABAYASHI, "Oligosaccharide microarrays for glycomics," <i>Trends in Biotechnology</i> , Vol. 21, No. 4, pp. 141-143, 2003	
		HIRABAYASHI, "Structural Glycomics and Glycan Profiling," Dai 24 Kai Japanese Society of Carbohydrate Research Yoshishu, <i>The Japanese Society of Carbohydrate Research</i> , pp. 7, 2003	
		HIRABAYASHI, "Perspective: Functional Glycomics," Dai 53 Kai Japanese Electrophoresis Society Symposium Post Genome Kenkyu no, pp. 4-6, 2003	
		HIRABAYASHI et al., "Frontal Affinity Chromatography," <i>Tanpakushitsu Kakusan Koso (Protein, Nucleic Acid and Enzyme)</i> , Vol. 48, No. 8 suppl., pp. 1206-1212, 2003	X

EXAMINER SIGNATURE:	/Bao Thuy Nguyen/ (09/07/2010)	DATE CONSIDERED:
------------------------	--------------------------------	---------------------

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*\*Please place a check mark in this column if English translation is attached.\*\*

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Attorney Docket Number	6235-85006-01
Application Number	10/596,692
Filing Date	September 21, 2006
First Named Inventor	Hirabayashi
Art Unit	1641
Examiner Name	Bao-Thuy L. Nguyen

Examiner Initials*	Cite No. (optional)	OTHER DOCUMENTS	T**
		HIRABAYASHI, "Glycoproteomics and Sugar Chain Profiling Using Lectins," <i>Proceeding of the Biotechnology Symposium</i> , Vol. 21, pp. 10-11, 2003	X
		HIRABAYASHI et al., "Oligosaccharide Specificity of Galectins: A Search by Frontal Affinity Chromatography," <i>Biochimica et Biophysica Acta</i> , Vol. 1572, No. 2-3, pp. 232-254, 2002	
		HIRABAYASHI et al., "Reinforcement of Frontal Affinity Chromatography for Effective Analysis of Lectin-Oligosaccharide Interactions," <i>Journal of Chromatography</i> , Vol. 890, No. 2, pp. 261-271, 2000	
		HIRABAYASHI, "Seimeisa o Rikai suru – Tosa Kenkyu no Genjo," <i>Nikkei Science</i> , Vol. 33, No. 11, p. 116, 2003	
		JOOS et al., "Miniaturised multiplexed immunoassays," <i>Current Opinion in Chemical Biology</i> , Vol. 6, pp. 76-80, 2001	
		KUNO et al., "Evanescence-field fluorescence-assisted lectin microarray: a new strategy for glycan profiling," <i>Nature Methods</i> , Vol. 2, No. 11, pp. 851-856, 2005	
		NAKAMURA et al., "Comprehensive Interaction Analysis Between Plant Lectins and PA-oligo Saccharides by an Automated FAC System," <i>Seikagaku</i> , Vol. 75, No. 8, p. 1047 (#4P-068), 2003	
		NILSSON, "Lectins: proteins that interpret the sugar code," <i>Analytical Chemistry</i> , Vol. 75, No. 15, pp. 348-353, 2003	
		NIPPON KOGYO SHINBUN, 2003, p. 20	
		OKAZAKI, "BIACORE Applications for Glycoconjugate Research," <i>Trends in Glycoscience and Glycotechnology</i> , Vol. 10, No. 54, pp. 321-329, 1998	
		PAWLAK et al., "Zeptosens' protein microarrays: a novel high performance microarray platform for low abundance protein analysis," <i>Proteomics</i> , Vol. 2, pp. 383-393, 2002	
		SHALON et al., "A DNA microarray system for analyzing complex DNA samples using two-color fluorescent probe hybridization," <i>Genome Res.</i> , Vol. 6, pp. 639-645, 1996	
		UCHIYAMA et al., "Optimization of evanescent-field fluorescence-assisted lectin microarray for high-sensitivity detection of monovalent oligosaccharides and glycoproteins," <i>Proteomics</i> , Vol. 8, No. 15, pp. 3042-3050, 2008	

EXAMINER SIGNATURE:	/Bao Thuy Nguyen/ (09/07/2010)	DATE CONSIDERED:
------------------------	--------------------------------	---------------------

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*\*Please place a check mark in this column if English translation is attached.\*\*

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Attorney Docket Number	6235-85006-01
Application Number	10/596,692
Filing Date	September 21, 2006
First Named Inventor	Hirabayashi
Art Unit	1641
Examiner Name	Bao-Thuy L. Nguyen

Examiner Initials*	Cite No. (optional)	OTHER DOCUMENTS	T**
		ZENG et al., "Analysis of specific interaction of synthetic glycopolypeptides carrying N-acetyllactosamine and related compounds with lectins," <i>Carbohydrate Research</i> , Vol. 312, pp. 209-217, 1998 (ABSTRACT ONLY)	
		International Search Report dated October 19, 2004 issued for International Application No. PCT/JP2004/009600	
		International Preliminary Report on Patentability dated July 27, 2006 issued for International Application No. PCT/JP2004/009600	
		Non-Final Office action issued August 18, 2009, for Application No. 10/596,704	
		Final Office action issued February 3, 2010, for Application No. 10/596,704	
		Non-Final Office action issued May 11, 2010, for Application No. 10/596,704	
		Non-Final Office action issued April 26, 2010, for Application No. 11/917,921	

EXAMINER SIGNATURE:	/Bao Thuy Nguyen/ (09/07/2010)	DATE CONSIDERED:
------------------------	--------------------------------	---------------------

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*\*Please place a check mark in this column if English translation is attached.\*\*